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INFORMATIONSISCLOSURE				Application Number 📝	10/667,892	
			SCLOSURE	Filing Date	September 22, 2003	
			PPLICANT	First Named Inventor	Geoff D. Koch	:
	(use as many sheets as necessary)			Art Unit	3672	
Sheet	1	of 1	Examiner Name	Not Yet Assigned		
			Attorney Docket Number	082380-00564		

	U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.1	Document Number Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Classification	
	AA	US-2,338,625	01/04/1944	Curtis	255/45	
	AB	US-3,692,123	09/19/1972	Gyongyosi	173/147	
	AC	US-4,453,603	06/12/1984	Voss et al.	175/53	
	AD	US-5,168,890	12/08/1992	Bongart et al.	137/15	
	AE	US-5,321,506	06/14/1994	Sargent	348/95	
	AF	US-5,355,965	10/18/1994	Rozendaal	173/141	
	AG	US-5,661,888	09/02/1997	Hanslik	29/407.02	
	AH	US-6,179,065	01/30/2001	Payne et al.	175/24	
	AI	US-6,550,547	04/22/2003	Payne et al.	175/24	
	AJ	US-2002/0157870	10/31/2002	Bischel et al.	175/52	

		FO	REIGN PATE	NT DOCUMENTS		
		Foreign Patent Document	4			
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	AK	WO 02/079603 A1	10/10/2002	Tracto-Technik	E21B 19/16	Х

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
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